SEQUENCE LISTING

<110> Jarai, Gabor Yousefi , Shida <120> Novel Gene <130> 4-31440P1/HO29 <160> 16 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 1592 <212> DNA <213> Homo sapiens <400> 1 gcccttgtgc tcttcatctt ggatttgaaa gttgagagca gcatgttttg cccactgaaa 60 ctcatcctgc tgccagtgtt actggattat accttgggcc tgaatgactt gaatgtttcc 120 ccgcctgagc taacagtcca tgtgggtgat tcagctctga tgggatgtgt tttccagagc 180 acagaagaca aatgtatatt caagatagac tggactctqt caccaggaqa qcacqccaag 240 gacgaatatg tgctatacta ttactccaat ctcagtgtgc ctattgggcg cttccagaac 300 cgcgtacact tgatggggga caacttatgc aatgatggct ctctcctqct ccaaqatqtq 360 caagaggctg accagggaac ctatatctgt gaaatccgcc tcaaagggga gagccaggtg 420 ttcaggaagg cggtggtact gcatgtgctt ccagaggagc ccaaagagct catggtccat 480 gtgggtggat tgattcagat gggatgtgtt ttccagagca cagaagtgaa acacgtgacc 540 aaggtagaat ggatattttc aggacggcgc gcaaaggagg agattgtatt tcgttactac 600 cacaaactca ggatqtctgc ggaqtactcc caqagctqqq gccacttcca qaatcqtqtq 660 aacctggtgg gggacatttt ccgcaatgac qgttccatca tqcttcaaqq aqtqaqqqaq 720 tcagatggag gaaactacac ctgcagtatc cacctaggga acctggtgtt caaqaaaacc 780 attgtgctgc atgtcagccc ggaagagcct cgaacactgg tgaccccggc agccctgagg 840 cctctggtct tgggtggtaa tcagttggtg atcattgtgg gaattgtctg tgccacaatc 900 ctgctgctcc ctgttctgat attgatcgtg aagaagacct gtggaaataa gagttcagtg 960 aattctacag atcttggtga agaacacgaa gaagactaat ccagagataa aagaaaaacc 1020 ctgccatttt gaaagatgtg aaggggaggt gaacacacgc ttcagcctaa aacactaaaa 1080 acacatttac tccccaataa ttgtacggga ggtgatcgag gaagaagaac caagtgaaaa 1140 atcagaggcc acctacatga ccatgcaccc agtttggcct tctctgaggt cagatcqqaa 1200 caactcactt gaaaaaaagt caggtggggg aatgccaaaa acacagcaag ccttttgaga 1260 agaatggaga gtcccttcat ctcagcagcg gtggagactc tctcctgtgt gtgtcctggg 1320 ceactictace agtgatttea gacteceget etcecagetg tecteetgte teattgtttg 1380 gtcaatacac tgaagatgga gaatttggag cctggcagag agactggaca gtctggagga acaggectge tgaggggagg ggagcatgga ettggeetet ggagtgggae actggeeetg 1500 ggaaccaggc tgagctgagt ggcctcaaac cccccgttgg atcagaccct cctgtgggca 1560 qqqttcttaq tqqatqaqtt actqqqaaqq qc 1592 <210> 2 <211> 318 <212> PRT

<213> Homo sapiens

<400> 2

```
Met Phe Cys Pro Leu Lys Leu Ile Leu Leu Pro Val Leu Leu Asp Tyr
                                   10
Thr Leu Gly Leu Asn Asp Leu Asn Val Ser Pro Pro Glu Leu Thr Val
                                25
His Val Gly Asp Ser Ala Leu Met Gly Cys Val Phe Gln Ser Thr Glu
Asp Lys Cys Ile Phe Lys Ile Asp Trp Thr Leu Ser Pro Gly Glu His
Ala Lys Asp Glu Tyr Val Leu Tyr Tyr Tyr Ser Asn Leu Ser Val Pro
                    70
                                        75
Ile Gly Arg Phe Gln Asn Arg Val His Leu Met Gly Asp Asn Leu Cys
                                    90
Asn Asp Gly Ser Leu Leu Gln Asp Val Gln Glu Ala Asp Gln Gly
                               105
Thr Tyr Ile Cys Glu Ile Arg Leu Lys Gly Glu Ser Gln Val Phe Arg
                            120
Lys Ala Val Val Leu His Val Leu Pro Glu Glu Pro Lys Glu Leu Met
                        135
Val His Val Gly Gly Leu Ile Gln Met Gly Cys Val Phe Gln Ser Thr
                    150
                                       155
Glu Val Lys His Val Thr Lys Val Glu Trp Ile Phe Ser Gly Arg Arg
                                    170
Ala Lys Glu Glu Ile Val Phe Arg Tyr Tyr His Lys Leu Arg Met Ser
            180
                               185
Ala Glu Tyr Ser Gln Ser Trp Gly His Phe Gln Asn Arg Val Asn Leu
                           200
Val Gly Asp Ile Phe Arg Asn Asp Gly Ser Ile Met Leu Gln Gly Val
                       215
Arg Glu Ser Asp Gly Gly Asn Tyr Thr Cys Ser Ile His Leu Gly Asn
                   230
                                        235
Leu Val Phe Lys Lys Thr Ile Val Leu His Val Ser Pro Glu Glu Pro
                245
                                   250
Arg Thr Leu Val Thr Pro Ala Ala Leu Arg Pro Leu Val Leu Gly Gly
                               265
Asn Gln Leu Val Ile Ile Val Gly Ile Val Cys Ala Thr Ile Leu Leu
                           280
Leu Pro Val Leu Ile Leu Ile Val Lys Lys Thr Cys Gly Asn Lys Ser
                       295
Ser Val Asn Ser Thr Asp Leu Gly Glu Glu His Glu Glu Asp
                    310
```

<210> 3

<211> 21

<212> DNA

<213> Homo sapiens

<400> 3

agcacgccaa ggacgaatat g

<210> 4

<211> 22

<212> DNA

<213> Homo sapiens

<400> 4

21

	tatcagaaca gggagcagca gg	22
	<210> 5	
	<211> 22	
	<212> DNA	
•	<213> Homo sapiens	
•	<400> 5	
	cactgaaact catcctgctg cc	22
	<210> 6	
	<211> 20	
	<212> DNA	
	<213> Homo sapiens	
	<400> 6	
	ttgcggaaaa tgtcccccac	20
	<210> 7	
	<211> 24	
	<212> DNA	
	<213> Homo sapiens	
.3.	<400> 7	
and there was here the land for	agcactetee agceteteae egea	24
	<210> 8	
4	<211> 12	
	<212> DNA	
F	<213> Homo sapiens	
;	<400> 8	
2 5	gatctgcggt ga	12
	<210> 9	
	<211> 24	
n	<212> DNA	
]	<213> Homo sapiens	
	<400> 9	
	accgacgtcg actatccatg aaca	24
	<210> 10	
	<211> 12	
	<212> DNA	
	<213> Homo sapiens	
	<400> 10	
	gatctgttca tg	12
	<210> 11	
	<211> 24	
	<212> DNA	
	<213> Homo sapiens	

•	<400> 11 aggcaactgt gctatccgag ggaa	24
ı	<210> 12 <211> 12 <212> DNA <213> Homo sapiens	
	<400> 12	
	gatcttccct cg	12
	<210> 13 <211> 26 <212> DNA	
	<213> Homo sapiens	
	<400> 13 gtcaggtggg ggaatgccaa aaacac	[^] 26
	<210> 14 <211> 27	
	<212> DNA <213> Homo sapiens	
	12137 Homo sapiens	
	<400> 14 gcaggcctgt tcctccagac tgtccag	27
	<210> 15 <211> 34 <212> DNA	
	<213> Homo sapiens	
	<400> 15 ttgaaagttg aattcagcat gttttgccca ctga	34
	<210> 16 <211> 36 <212> DNA <213> Homo sapiens	
	<pre><400> 16 gggtttttct agaatctctg gttagtcttc ttcgtg</pre>	36